

ABSTRACT OF THE DISCLOSURE

A turf reinforcement mat (10) comprises at least one polymer net layer (11); a non-woven mat (13) comprising a plurality of multi-dimensional polymer fibers (15); and, a polymer yarn (80, 81), stitching the net layer to the non-woven mat. A method for erosion control and revegetation facilitation comprises providing a turf reinforcement mat comprising at least one polymer net layer; a non-woven mat comprising a plurality of multi-dimensional polymer fibers; and, a polymer yarn, stitching the net layer to the non-woven mat; laying the turf reinforcement mat on a section of ground to be reinforced; securing the turf reinforcement mat to the ground; distributing soil and seed onto the turf reinforcement mat such that the section of ground is quickly revegetated and thereby protected from further erosion.